

WHAT IS CLAIMED IS:

1. A pixel structure for a liquid crystal display, the pixel structure comprising:
  - a first substrate, with respect to a pixel, having a W-like extruding structure composed of two V-like structures formed on a surface of the first substrate;
  - 5 an second substrate, parallel to the first substrate, having a plurality of openings, wherein the openings are aligned along a direction from a tip of the V-like structures to an edge of the pixel structure; and
  - a liquid crystal layer located between the first substrate and the second substrate, wherein the W-like extruding structure abuts the liquid crystal layer.
- 10 2. The pixel structure of claim 1, wherein a shape of the openings comprises an isosceles triangle, and sides of the isosceles triangle are parallel to sides of the V-like structure.
3. The pixel structure of claim 1, wherein the aligned direction of the openings is parallel to the central line of the V-like structure.
- 15 4. The pixel structure of claim 1, wherein the pixel structure has a shape of quadrate.
5. The pixel structure of claim 4, wherein the shape of pixel structure comprises a baguette.
6. The pixel structure of claim 1, wherein the V-like structure has a tip angle of
- 20 90 degrees.
7. A baguette pixel structure, comprising:
  - a first substrate having a W-like extruding structure composed of two V-like structures formed on a surface of the first substrate;

an second substrate, parallel to the first substrate, having a plurality of openings, wherein the openings are aligned along a direction from a tip of the V-like structures and vertical to a long edge of the baguette pixel structure; and

- a liquid crystal layer located between the first substrate and the second substrate,
- 5 wherein the W-like extruding structure abuts the liquid crystal layer.

8. The baguette pixel structure of claim 7, wherein a shape of the opening comprises a triangle, wherein an angle of the triangle is pointing to a tip of the V-like structures.

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